

INTERNATIONAL SEARCH REPORT

Intern Application No
PCT/CH 03/00235A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16H21/46 F16H55/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 669 225 A (KUSTER KASPAR) 2 June 1987 (1987-06-02) column 4, line 37-57 -column 5, line 4-32; figure 1 ---	1-13
Y	WO 99 05435 A (ABT & FRITSCHI GMBH ;ABT ANDREAS (CH); FRITSCHI MARKUS (CH)) 4 February 1999 (1999-02-04) page 3, line 11 -page 5, line 5; claims 1-11; figures 1-4 ---	1-13
A	US 6 435 995 B1 (SALGO REINHOLD C) 20 August 2002 (2002-08-20) the whole document ---	12,13
A	US 4 784 338 A (SALADIN JOSEPH) 15 November 1988 (1988-11-15) the whole document ---	1-9
A	US 4 784 338 A (SALADIN JOSEPH) 15 November 1988 (1988-11-15) the whole document ---	1
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

11 November 2003

Date of mailing of the international search report

03/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Martinvalet, C-I

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/CN 03/00235

C.(Continuation) DOCUMENTS CONSIDERED BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SCHATZ P: "RHYTHMUSFORSCHUNG UND TECHNIK" , RHYTHMUSFORSCHUNG UND TECHNIK, XX, XX, PAGE(S) 77-87 XP002058827 cited in the application the whole document ---	1
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 02, 29 February 2000 (2000-02-29) & JP 11 319879 A (UNITIKA LTD), 24 November 1999 (1999-11-24) abstract -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l Application No
PCT/EP 93/00235

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4669225	A	02-06-1987		DE 3434064 A1 BR 8504500 A CA 1258451 A1 DE 3568475 D1 EP 0176749 A1 ES 8609636 A1 JP 1892655 C JP 6008662 B JP 61074962 A		27-03-1986 15-07-1986 15-08-1989 06-04-1989 09-04-1986 16-12-1986 26-12-1994 02-02-1994 17-04-1986
WO 9905435	A	04-02-1999		WO 9905435 A1 AU 3535197 A EP 1007868 A1		04-02-1999 16-02-1999 14-06-2000
US 6435995	B1	20-08-2002		AT 208014 T CA 2321925 A1 WO 9957461 A1 DE 59900373 D1 EP 0981698 A1 JP 2002513898 T		15-11-2001 11-11-1999 11-11-1999 06-12-2001 01-03-2000 14-05-2002
US 4784338	A	15-11-1988		DE 3542285 C1 BR 8607000 A WO 8703351 A1 EP 0249600 A1 JP 63501654 T		21-08-1986 01-12-1987 04-06-1987 23-12-1987 23-06-1988
JP 11319879	A	24-11-1999		NONE		